What Kubernetes doesn't do?

Unlike traditional, all-inclusive Platform as a Service (PaaS) systems, Kubernetes operates at the container level, offering essential features such as deployment, scaling, and load balancing. However, it is not a monolithic solution. Kubernetes allows users to integrate their preferred logging, monitoring, and alerting tools, emphasizing choice and flexibility. It doesn't limit the types of supported applications, aiming to handle diverse workloads. Kubernetes does not deploy source code or build applications, leaving Continuous Integration and Deployment workflows to the organization's culture and technical needs. Additionally, it refrains from providing built-in application-level services and avoids dictating specific configuration languages or comprehensive machine management systems, ensuring users have the autonomy to tailor their environments.

What other Orchestration tools are available other than Kubernetes?

- Docker swarm
- Ansible
- Rancher
- AWS Cloud Formation
- OpenShift